

Review of "Chemical Thermodynamics," by A.N. Krestov-  
nikov and V.N. Vigdorovoch, 5 pp.

RUSSIAN, per, Tsvetyne Metally, Vol VIII, No 12,  
1962, pp 79-82.

PS

Sci

Apr 64

255,898

New Discoveries of a Paleozoic Fauna in the Little  
Khangai Range (Chinese), by M. S. Nagibinn,  
V. N. Krestovnikov, Chang Fu-ch'un, Yu. G. Gatinskiy,  
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5, 1958,  
pp 910-913.

CS

Set  
Feb 60

106,909

New Paleozoic Phyllocarids From the Russian  
Plateau, the Urals, Tianshan and Dnieper Basins,  
by V. N. Krestovnikov.

53

RUSSIAN, per, Trudy Akad Nauk Geologicheskikh  
Nauk Instituta, Vol 52, 1961, pp 1-67.

NLL RFS 2982

*V. N. Krestovnikov*

Sci-S Sci  
Sept 66

309,586

An Investigation of the Viscosity of Fluoride  
Glass-Forming Systems, by E. N. Krestnikova,  
G. T. Petrovskiy, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXVI, No 6,  
1963, pp 1205-1211.

CB

Sci-  
Aug 64

264,882

67  
Photographic Properties, Storage Life, and  
Processing of Emulsion Layers of Milt  
Type II (Clear and With Colored Substrates),  
by M. Yu. Deberdyev, T. I. Krestovnikova,  
19 pp.

Russian, per. Trudy Akad. Nauk SSSR,  
Inst. Khim. Fiz. Akad. Nauk SSSR,  
Yadernaya Fizika, 1960, pp 197-209.  
FTL-101-64-565

*T. I. Krestovnikova*

S.I-Phys

Jan 65

283,304

Use of the Flocculation test as a means of Determining  
the Quality of the Complete Antigens of Enterobacteria  
in NIISI Polyvalent Vaccine,  
by V. A. Krestovskova, V. I. Zhurbina, 7 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol Immunobiol,  
Vol XXXI, No 8, 1960, pp 96-101.

PP

164,189

Sci

Aug 61

**Scientific - Medicine, noncellular forms of bacteria,  
bacteriophage**

The Typhoid Endotoxin Skin Test as an Index  
of Immunity to Typhoid Infection, by V. A.  
Krestovnikova, 3 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i  
Immunobiol, Vol XXX, No 4, 1959, pp 58-60.

Pergamon Press

Sci

- A. A Look Into the Future, by S. Ivancov <sup>10</sup> 2094048  
B. Cosmic Breakfast, by I. Krestovskiy, 6 pp.

*B- (ID-2094048)*  
RUSSIAN, par, Sovet Aviatziya, 8 Jun, 12 Jul  
1958.

525th MI Op

Sci - Misc

Jan 59

80,567

Aircraft Refueling in the Air, by I. Krestovskiy,  
4 pp, (AF 1088952).

RUSSIAN, up, Sovetskaya Aviatsiya, X 7 Apr 1957,  
p 2.

ATIC F-TS-9204/III

48,675

Sci - Aeronautics  
May 1957 CTS/dex

The Life of the Yak-18 Can Be Prolonged, by  
S. Krestovskiy, 12 pp.

RUSSIAN, per, Kiyi'ya Rodiny, No 11, 1961,  
pp 24-26. 9677212

FTD-IT-62-543

Sci - Aero  
Jun 62

199,505

(NY-5087)

How Our Country's First Ten-Step ATS System Was  
Developed, by V. A. Krestovskiy, 8 pp.

RUSSIAN, per, Vestnik Svyazi, No 7, 1957.

JPRS 7030

Sci

137,564

Jan 61

(DC-5970)

On the Draft of the RSFSR Statute on the  
Budgetary Rights of the RSFSR and the Autonomous  
Republics and Local Soviets of Workers' Deputies  
of the RSFSR, by V. I. Krest'yenin, 5 pp.

RUSSIAN, mp, Sovet ~~ROSSIYSK~~ Rossiya, 17 Dec  
1961, p 3.

JPRS 13211

190,563

ISSR  
Icon  
pr 62

Prompted by Mass Practice by V. Krest'yaninev  
RUSSIAN, nps, Stroitel'naya Gazeta, 23 Nov 1966,  
pp 2-3.  
\*JPRS/NY-13535

Sci  
Dec 66

(DC-5300)

Experimental Construction of a Photoelectric Spectrophotometer for Spectroscopic Analysis Incorporating An ISP-51 Type Spectrograph, by A. G. Krest'yaninov, Yang Chia-ch'ih, Huang Pen-li, et al, 15 pp.

CHINESE, per, Wu-li Hsueh-pao, Vol XV, No 6, 1959, pp 297-304.

JPRS 8706

Sci - Phys

Aug 61

165,348

On the Electric Erosion of Metals in a Spark  
Discharge, by ~~S. G. Krest'yaninov~~ Ya. D. Raybaum,  
A. G. Krest'yaninov

RUSSIAN, 7 bimo per, Iz Ak Nauk, Ser Fiz, Vol XVIII  
No 2, 1954, p 258.

Columbia Tech Tr  
AP6 \$2.00

Scientific - Physics  
Nov 55 GTS/DEX

28, 310

(DC-2700/6).

The Development of Livestock in the USSR During  
the Seven-Year Plan Period, by F. Kreat'yaninov,  
16 pp.

RUSSIAN, per, Ekon Sel'skogo Khoz, No 4, 1959,  
pp 10-20.

JPRS-1055-D

USSR  
Econ - Agriculture  
Dec 59

102,557

Krestynova-Telupilova, O., Macak, V., and  
Santavy, F.  
THE POLAROGRAPHY OF TERRAMYCIN. [1963] 5p  
Order from ATS \$5.65                      ATS-36Q72R

Trans. of [Sbornik Chekhoslovatskykh Khimicheskyykh  
Rabot] 1954, v. 19, p. 234-237.

DESCRIPTORS: \*Oxytetracycline, Polarographic  
analysis, \*Antibiotics.

(Biological Sciences--Pharmacology, TT, v. 11, no. 3)

TT-64-12066

- I. Krestynova-Telupilova, O.
- II. Macak, V.
- III. Santavy, F.
- V. ATS-36Q72R
- IV. Associated Technical  
Services, Inc.,  
East Orange, N. J.

00516

Office of Technical Services

Card Index for Documentation in Molecular  
Spectroscopy, by G. Bergmann, G. Kresze, 30 pp.

GERMAN, per, Angewandte Chemie, Vol LXVII, No 22,  
1955, pp 685-694.

NIH Tr No 5-21

Scientific - Physics  
Aug 1956 OTS/ax

37,342

Method of Taking Raman Spectra of Solids as Compressed  
Blanks, by B. Schrader, F. Herdel, G. Krosze, 5 p.

GERMAN, per, Zeit Phys Chem, 1957, Vol XII, pp 132-138.

ATS-441330

Sci  
May 60  
Vol 2, No 11

109,669

Concerning Genetic Problems and Plant Breeding  
in the Soviet Union, by H. Kress, H. Mueller,  
27 pp.

dk,  
GERMAN, ~~SEE~~ Dyhrenfurth, K. ed Sowjetische  
agrarwissenschaft, 1954, pp 67-100.

SLA Tr 1686

*Jan 1957*

*Sci-Biol  
Apr 1957*

*46,226*

Reaction of p-Dimethylamino- and p-~~XXXXXXXXXXXXXXXXXXXX~~  
Diethylaminobenzaldehydes with Dicyanodiamide, by  
A. E. Kretov, L. V. Panasyuk, 2 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 1,  
1962, pp 96X

CB

Sci

Oct 62

216,152

Chlorination of Anthracene With N, N-Dichlorobenzene-  
sulfonamide, by A. E. Kretov, V. V. Litvinov, 3pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 9, 1960,  
pp 3028-3030.

CB

Sci

170, 116

Oct 61

Properties and Structure of  $\text{SiO-Al}_2\text{O}_3$   
Catalysts. Pt. 2. X-Ray Study of the Effect  
of Component Ratios and of Heat Treatment  
Conditions on Phase Composition and Crystal  
Structure, by A. N. Rubinshtein, V. M.  
Akhimov, L. D. Kretalova, 9 pp.

RUSSIAN, per AK Nauk SSSR. Otdel Khim Nauk.  
Izvest., No 8, 1958, pp 929-936.

Assoc Tech Sr  
37EX7R

Sci - Chem  
Apr 59  
OTS, V. I, No 5

86,176

Dipole Moments of Complex Compounds of Zirconium  
Tetrachloride with Esters of Monobasic Acids. XII, by  
O. A. Osipov, and Yu. B. Kretanik.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 11,  
1957, pp 2924-2926.

2924-2926.

Consultants Bureau

Sci - Chem

Jan 59

78,783

The Chlorination of Fluorene with N,N-Dichlorobenzene-  
sulfonamide, by A. E. Kretov, V. V. Litvinov, <sup>3</sup>/<sub>4</sub> pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 4, 1961,  
pp. 1183 - 1184

CB

196, 689

Sci

Synthesis of Amino Alcohols from Oxazoline and  
Oxazolidine Derivatives. VIII, by A. E. Kretov, I. S.  
Matveyev, 5 pp.

RUSSIAN, per, Zhur Obsheh Khim, Vol XXX, No 9, 1960,  
pp 3024-3027.

CB

Sci

110,715

Oct 61

The Reactions of ~~Cyanamide~~ Cyanamide With Substituted  
Acids of the Aliphatic Series, by A. E. Kretov,  
A. P. Momsenko, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 6,  
1961, pp 2000-2003.

CB

Sci

201,905

Jun 62

Exhaustive Chlorination of Methylene Methyl Groups, by  
A. E. Kretov, A. D. Syrovatko, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 9, 1960,  
pp 3019-3023.

CB

Sci

170,114

Oct 61

Interaction of Alkoxy and Aryloxy Derivatives of the  
Aromatic Series With Molten Urea, by V. A. Lavrishchev  
Val. L. Plakidin, A. E. Kretov, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 9, 1960,  
pp 3064-3071.

CB

170, 722

Sci

Oct 61

Cyanoethylation of Polycyclic Hydrocarbons, by A. E. Kretov, A. E. Okhranovich, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 3, 1960, pp 744-745.

PCO

Sci

Apr 61

144,374

Reaction of 9,10-Dihaloanthracene With Aryl Sulfon-  
amides, by A. E. Krotov, M. S. Rovinskiy, 3 pp.

RUSSIAN, *Izv. Vuzov Obshch. Khim.*, Vol XXVII, No  
8, 1957, pp 2174-2178.

6  
Consultants Bureau

Sci - Chem  
Oct 58

74, 198

N-Arylsulfonamido Derivatives of Monoethanolamine, by  
A. E. Kretov, G. V. Tikhonova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2,  
1959, pp 412-415.

Consultants Bureau

Sci

Apr 60

112,322

Acylation of Aromatic Amines of Maleic Anhydride,  
by A. E. Kretov, N. E. Kul'chitskaya, 11 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXV,  
No 13, ~~1955~~ 1955, pp 2474-2480.

Sci Tr Center

RT-3949

37,875

Sci - Chemistry

Aug 1956

Cyanoethylation of Aryl Sulfonamides, by A. E.  
Kretov, N. P. Romaszanovich, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,  
No 4, 1958, pp 1059-1062.

Consultants Bureau

Sci - Chem  
Jun 59

. 89, 162

Preparation of Azomethine Derivatives of ~~XXXXXXXXXXXX~~  
Arylsulfonamides, by A. E. Kretov, E. A.  
Abrazhanova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7,  
1957, pp 1993-1996.

Consultants Bureau

Sci - Chem  
Oct 58

74, 252

Methylation of Dicyanodiamide, by A. E. Kratov,  
A. S. Bospalyy, 4 pp

RUSSIAN, per, Zhur Prik Zhim, Vol XXXIV, No 3, 1961  
pp 621-625

CB

Sci

*186, 889*

Feb 62

Reaction of N,N-Dichlorobenzenesulfonamide With  
Polyhalogen Derivatives of Methane, II, by A. E.  
Kretov, M. M. Kremlev, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 7,  
1958, pp 1954-1956.

Consultants Bur

Sci - Chem

96,888

The Mechanism of the Reaction of Cyanamide with Mono-  
basic Fatty Acids, by A. E. Kretov, A. P. Momsenko,  
5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 12,  
1961, pp 3916-3920.

CB

Sci

Oct 62

214,873

TT-61-18091

I. Krutov, A. E.

Krutov, A. E.  
ACTION OF ZINC DUST AND ZINC OXIDE ON  
HALOGEN DERIVATIVES OF SULFOXIDES AND  
SULFONES OF THE ALIPHATIC SERIES: DIVINYL  
SULFONE, VINYL  $\beta$ -CHLOROETHYL SULFONE  
AND THEIR DERIVATIVES. [1961] 19p 20refs  
Order from OTS, SLA, or ETC \$1.60 TT-61-18091

Trans. of Russkoe Fiziko-Khimicheskoe Obshchestvo.  
Zhurnal, 1930, v. 62, no. 1, p. 1-29.

86253

(Chemistry--Organic, TT, v. 12, no. 2)

Office of Technical Services

Fluorene Chemistry. II Friedel-Crafts Acylation  
of Fluorene With Maleic ~~anhydride~~ Anhydride, by  
A. E. Kretov, V. V. Lutvinov, 3 pp.

RUSSIAN, per, x Zhur Obshch Khim, Vol XXXI,  
No 9, 1961, pp 2880-2881.

CB

Sci

Aug62

209,760

Study of the Reaction of Propylene Oxide  
With Cyanamide. II., by A. E. Kretov,  
I. S. Matveyev, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI,  
No 9, 1961, pp 2885-2888.

CB

Sci

Aug 62

209,762

Preparation of Homophthalic Acid Through  
p,p'-Dialkyl Derivatives of Diphenylethane, by  
A. E. Kretcy, N. F. Silin, A. M. Kozimshko, G. D.  
Lokshin, 5 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 12,  
1959, pp 2767-2770.

CB

Sci

Nov 60

133,191

7  
Reaction of 9, 10-Bis (chloromethyl) Anthracene With  
Arenesulfonamides, by A. E. Kretov, M. S. Rovinskiy,  
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2, 1960,  
pp 646-648.

CB

Sci

May 61

154,094

62-10606

Kretov, A. E.  
ACYLATION OF N,N-DICHLORARYLSULFAMIDES  
AND ARYLSULFAMIDES BY MEANS OF ANHY-  
DRIDES OF AROMATIC ACIDS. [1961] 5p. (2 tables  
omitted) 1 ref.  
Order from OTS or SLA \$1.10                      62-10606

I. Kretov, A. E.

Trans. of Ukrain[skii] Khim[icheski] Zhur[nal]  
(USSR) 1957, v. 23, no. 4, p. 493-495.

Portions of this report will not reproduce well.

DESCRIPTORS: \*Sulfamide, \*Acylation, Anhydrides,  
Acids, Synthesis, Aluminum compounds, Chlorides.

A series of acyl derivatives of arylsulfamides were  
synthesized by acting on arylsulfamides and N,N-  
dichlorarylsulfamides with anhydrides of aromatic  
acids, in contact with aluminum chloride. (Author)  
Chemistry--Organic, TT, v. 7, no. 11)

209069

Office of Technical Services

Chemistry of Fluorene. I. New 2,3,7-Derivatives  
of Fluorene, by A. E. Kretov, V. V. Litvinov,  
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 8,  
~~XX~~ 1961, pp 2585-2587.

CB

Sci  
Jul 62

205,267

Isomerism of N-Arylmalimides, by A. E. Kretov,  
N. E. Kyl'chitskaya, et al, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 8,  
1961, pp 2588-2594.

CB

Sci  
Jul 62

205,268

s-Triazines. VI: Synthesis of N-Monoalkyl  
Substituted Guanamines Containing Fluoro-  
alkyl Radicals, and Some of Their Trans-  
formations, by A. Ye. Kretov, A. V.

Davydov.

RUSSIAN, per, Khimiya Geterotsiklicheskih  
Soyedineniye, No 4, 1967, pp 734-738.

FTD-S-337

Feb 69

374,439

Preparation and Investigation of Fluorene Derivatives,  
by A. E. Okhramovich, A. E. Kretov, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 9,  
1960, pp 2148-2150.

CB

Sci

169, 203

Sep 61

Reaction of N,N-Dichlorobenzenesulfonamide With  
Polyhalogen Derivatives of Methane, I, by A. E.  
Kretov, M. M. Kremlev, 4 pp.

RH  
RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 7,  
1958, pp 1950-1953.

Consultants Bur

Sci - Chem

96,887

Hydrolysis of N-Chloro- and N-Trichloroacetylarene-  
sulfonamides, by A. E. Kretov, M. M. Kremlev, 3 pp.  
RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 3, 1960,  
pp 945-947.

CB

Sci -  
Apr 61

147, 577

Preparation of Acensphthenequinone, by Vl. L.  
Plakidin, A. E. Krestov, 4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 4,  
1960, pp 968-971.

CB

Sci

May 61

150,682

N-*O*-Hydroxybenzylarylsulfonamides, by A. E. Kretov,  
E. A. Abrazhanova, S. I. Zlotchenko, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 4,  
1960, pp 1180-1181.

CB

Sci  
May 61

154,047

Preparation of Benzylamine From Benzyl Chloride  
and Urea, by A. E. Kretov, E. D. Radchenko,  
4 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVI,  
No 7, 1953, pp 743-748.

Consultants Bureau

Scientific - Chemistry

CTB/DEX

18,497

Reaction of Unsymmetrical Substituted Urea with  $\alpha$ -Halogeno-3-Nitrophenyl Alkyl (Aryl) Carbamates and Sulfamides, by V. A. Lavrisheva and A. B. Kostov.  
5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol. XXXII, No. 2,  
1962, pp 502-505.

CB

233,918

Sel.

Feb 63

Reaction of Cyanamide with Ethylene Oxide, by  
V. A. E. Kretov, I. S. Matveyev, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,  
1960, pp 1837-1841.

CB

Sci  
Aug 61

162,59#5

Kretov, A. Ye., Silin, N. F. and others.  
THE SYNTHESIS OF TEREPHTHALIC ACID  
THROUGH THE CHLOROMETHYL DERIVATIVES OF  
AROMATIC HYDROCARBONS. [1961] 9p.  
Order from ATS \$11.95      ATS-05N49R

Trans. from \*Zhurnal Priklad[noy] Khim[ii] (USSR)  
1960, v. 33, no. 10, p. 2329-2335.

61-22018

- I. Terephthalic acid--  
Synthesis
- I. Kretov, A. Ye.
- II. Silin, N. F.
- III. ATS-05N49R
- IV. Associated Technical  
Services, Inc., East  
Orange, N. J.

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 10)

(DC-4449)

Some Methods of Installing Grounding Systems,  
by E. L. Kretovich, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 1, 1948, pp 12 -14.

JPRS 6548

Sci

Feb 61

138,672

The Interaction of Amino Acids With Sugars  
at Raised Temperatures, by V. Krestovich,  
R. Tokareva, 17 pp.

RUSSIAN, per, Biokhim, Vol XIII, No 6,  
1948, pp 508-515.

SLA 60-13733

Sci  
Vol IV, No 5  
Mar 62

*188, 423*

On the permanent polarisation of the electret,  
by Groetzinger, G., Kretsch, H.; 21 pp.

GERMAN, per, Z Physik, 103, 1936, p 341-349.

SIA 58-503  
AEC-SCL-T-143

Sci

Aug 59

94, 359

Interaction Between Amino Acids and Sugars at  
Elevated Temperatures, by V.L. Kretovich, R.  
Tokareva, 17p.  
RUSSIAN, per, Biokhimiya, Vol 13, No 6, 1968,  
pp 508-515.  
K-H 2602 b

301,665

Sci - Chemistry

Mar 67

Amperometric Titration of SH-Groups of Glycinin, by  
T. I. Smirnova, B. F. Poglazov, V. L. Kretovich,  
3 pp.

RUSSIAN, per, Biokhin, Vol XXIV, No 4, 1959,  
~~pp 758-760.~~ pp 758-760.

CB

Sci

Nov 60

132, 418

The Assimilation of Labeled Ammonia from the Soil by  
the Root System, by V. L. Kretovich, Z. G. Evstigneyeva,  
K. E. Asseyeva, II pp

4

RUSSIAN, per, Biokhim, Vol XXV, No 3, 1960,  
pp 368-482 476-481

CB

140, 746

Sci-  
Feb 61

Biochemistry in Poland, by V. L. Kretovich, 3 p.

RUSSIAN, per, Biokhim, Vol XXIV, NO 2, 1959,  
pp 376-377.

CB

Sci  
Jan 60

*105,849*

Biosynthesis of Amino Acids in Baker's Yeast  
in the Presence of Ammonia, by V. L. Kretovich,  
E. Krauze, 4 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXX, No 5, 1961,  
pp 881-885.

AIBS

Sci

Jul 62

204,203

The Biosynthesis of Amino Acids From Oxalacetic  
and Pyruvic Acids in Living Tissues of  
Germinating and Developing Grain, by V. L.  
Kretovich, E. Galyas, 5 pp.

RUSSIAN, per, Biokhimiya, Vol XXVI, No 1,  
1961, pp 99-104.

CB

168,418

Sci  
Sep 61

Biosynthesis of Amino Acids from Pyruvic Acid and  
Ammonia in Yeasts, by V. L. Kretovich, E. Krauze,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 6,  
1961, pp 1474-1477.

AIBS

Sci

169,931

Sep 61

Biosynthesis of Glutamic Acid and Glutamine During  
Ripening of Wheat Ears, by V. L. Kretovich, V. I.  
Yakovyeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 1,  
1959, pp 210-212.

AIBS

Sci  
Nov 59

100,989

Biosynthesis of Glutamic Acid and Glutamine in Pea  
and Wheat Seedlings, by V. L. Kretovich, V. I.  
Yakovlev, 2 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VI, No 2,  
1959, pp 165-170.

Amer Inst of Biol Sci

Sci

Dec 59

103,847

The Biosynthesis of Glutamic Acid in Homogenates  
of Wheat and Pea Seedlings, by V. I. Yakovleva,  
V. L. Kretovich, 6 pp.

RUSSIAN ver, Biokhim, Vol XXIV, No 5, 1959.  
pp 842-849.

Consultants Bureau

Sci

Jun 60

117,686

Biosynthesis of Isoleucine From Its  $\alpha$ , $\beta$ -Dihydroxy  
Analogue in Various Plant Seedlings, by  
Z. S. Kagan, V. L. Kretovich, 5 pp.

RUSSIAN, per, Fiziol Rastenii, Vol X, No 4,  
1963, pp 458-464.

CB

Sci  
Apr 64

254,277

The Biosynthesis of Valine and Isoleucine in the  
Ripening Wheat Ear, by V. L. Kretovich, Z. S.  
Kagan, 6 pp.

RUSSIAN, Per, Biokhin, Vol XXIV, No 4, 1959,  
pp 717-722.

CB

Sci

132, 421

Nov 60

Concerning Difference of Structure and Chemical  
Properties of Asparagine and Glutamine, by  
Z. G. Evstigneyeva, V. L. Kretovich, 9 pp.

RUSSIAN, thrice-a-week per, Dok Ak Nauk SSSR,  
Vol XCIII, No 6, 1953, pp 1069-1072.

NIH

Scientific - Chemistry CTB/DEK

17,924

On the Direct Action of Reducing Agents on Gluten  
Proteins, by N. I. Dalenko, V. L. Kretovich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 5, 1957,  
pp 961.

Consultants Bureau

Sci - Biology  
May 58

62,885

The Effect of Hydroxylamine on the Growth of  
Wheat, by V. L. Kretovich, A. A. ~~Baz~~ Bundel',  
M. R. Frasherl, 6 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VII, No 3, 1960,  
pp 261-268.

AIBS

Sci

Mar 61

142, H44

On the Gas Exchange During Respiration of Grain  
Stored in Silos and Warehouses, by A. P. Prokhoreva  
V. L. Kretovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXIII, No 1,  
1948, pp 65-68.

D.S.I.R./27141

Sci - Chemistry  
Apr 57 CIB/sex

46,699

Gu  
Glutamic Acid Synthesis from Plant Alpha-  
Ketoglutarate, by V. L. Kretovich and V. I.  
Yakovleva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No  
2, 1957, pp 455-458.

Consultants Bureau

Sci - Chem

73 664

Aug 58

On the Incorporation of Ammonium Nitrogen From the  
Soil Into Reserve Proteins of Seeds, by V. L.  
Kretovich, Z. G. Evstigneyeva, K. B. Aseyeva,  
5 pp.

RUSSIAN, per, Biokhim, Vol XXV, No 5, 1960,  
pp 878-883.

CB

Sci

May 61

152, 947

TT-65-63237

Field 6A

Kretovich, V. L.; Smirnova, T. I.  
GLYCININ-A REVERSIBLY DISSOCIATED SYSTEM.  
Tr. by Gail Bremenstul. 1965, 13p, (refs omitted).  
Order from CFSTI, SLA, or ETC: HC\$1.60, MF\$0.50  
as TT-65-63237

Trans. of Biokhimiya Zerna i Khlebopecheniya (USSR)  
v6 p66-74 1960.

I. Department of Agriculture,  
Washington, D. C.

Investigation of Glycinine Fractions in the Ultra-  
centrifuge, by V. L. Kretovich, T. I. Smirnova,  
S. Ya. Frenkel<sup>0</sup>, 5 pp.

RUSSIAN, per, Biokhimiya, Vol XXIII, No 1, 1958,  
pp 135-139.

Consultants Bureau

Sci - Chem  
Nov 58

77,019

Investigation of the Reserve Proteins of the Soybean by Means of the Ultracentrifuge, by V. I. Kretovich, T. I. Smirnova, S. Ya. Frenkel, *5 pp.*

RUSSIAN, per, Biokhimiya, Vol XXI, No 6, 1956,  
*pp 342.*

Consultants Bureau

Sci - Med

Apr 58

*62,311*

(NY-6576)

Modern Concepts of the Nature and  
Mechanism of Action of Enzymes, by  
V. L. Kretovich, 26 pp.

RUSSIAN, per, Iz Ak Nauk SSSR,  
Ser Biolog, No 3, May/June 1961,  
pp 425-440.

JPRS 9788

Sci - Med

179, 117

Jan 62

Nitrogenous Substances in the Sap of Pumpkin, by  
V. L. Kretovich, Z. G. Evstingneyeva, K. B. Aseeva,  
I. G. Savkina, 6 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VI, No 1, 1959, pp  
13-20.

Amer Inst of Biol Sci

Sci - Biol

Sep 59

97,348

Oxidation-Reduction Conditions as a Factor of  
Enzymatic Activity of Plant Proteins, by V. L.  
Kretovich and T. I. Smirnova, 8 pp.

RUSSIAN, Dimo per, Biokhim, Vol XXII, No 1, 2,  
Jan-Apr 1957, pp 102-110.

Consultants Bureau

Sci - Chemistry  
Apr 58

61,655

The Participation of Hydroxylamine in Amino  
Acid Synthesis in Plant , by V. L. Kretovich,  
A. A. Bundel', M. R. Frasher', M. V. Borovikava,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 6,  
1958, pp 1065-1067.

Amer Inst of Biol Sci

Sci - Biol

86,194

Apr 59

Physiologico-Biochemical Pases for the Storage of  
Heat, by V. L. Krétovich, 42 pp.

bk,

RUSSIAN, Физиолого-биохимические Основы  
Транспорта Зерна, Moscow-Leningrad, T/C, p 136;  
Chap IV, pt I and II, pp 58-79, 1945.

Sci Tr. Center RT-1149

Scientific - Biology

16,022

Jul 54 CTS

Quantitative Determination and Biosynthesis of  
Tryptophan in Plants, by O. L. Polyanovsky,  
V. L. Kretovich, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,  
No 6, Jan/Feb 1957, pp 1086.

Consultants Bureau

Sci - Chem; Biol  
Dec 57

56, 259

Reamination of Aspartic and Glutamic Acids in a  
Plant, by V. L. Kretovich, A. A. Bundel', 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol  
LXVI, No 5, 1949, pp 901-904.

RIH

Scientific - Biology  
CTS/DEX

6318

On the So-Called Reserve Albumin of Seeds, by V. L. Kuznetsov,  
A. A. Buzdal', 9 pp.  
RUSSIAN, per, *Biokhimiya*, Vol XIX, No 2, 1954, pp 204-211.

GTS 61-11044  
PL-480

Sci - Biol & Med Sci  
Mar 64

250,892

A Study of the Absorption Spectra of Glycinin With  
Reference to Its Association-Dissociation, by V. L.  
Kretovich, T. I. Smirnova, 6 pp.

RUSSIAN, per, Biokhim, Vol XXVI, No 5, 1961,  
pp 300-306.

CB

Sci

Jul 62

204,283

The Chemical Structure of Glycine and Its  
Derivatives for the Foveatele Association, by  
V. L. Erotoich, D. I. Smirnova, M. S. Ya.  
Frenkel', 10 pp.

RUSSIAN, par, Biokhiz, Vol XXVII, No 4, 1968,  
pp 544-557

Consultants Bureau

Sci - Biology

83914

Apr 59